

United States Department of the Interior
National Park Service

For NPS use only

National Register of Historic Places
Inventory—Nomination Form

received

date entered

See instructions in *How to Complete National Register Forms*
Type all entries—complete applicable sections

1. Name

historic Dr. John S. Long Barn - Byre and Bluff Barns of Doniphan County (TR)

and or common Martin Barn

DOE 1/9/87

2. Location

Beginning at a point 1200' N of the SE corner of the SE⁴ section 34,
street & number Twsp. 2S, Range 19E, thence W900 N 750', east 900', — not for publication
thence south to POB.city, town Highland ☒ vicinity of

state Kansas code 20 county Doniphan code 43

3. Classification

Category	Ownership	Status	Present Use
<input checked="" type="checkbox"/> district	<input type="checkbox"/> public	<input checked="" type="checkbox"/> occupied	<input checked="" type="checkbox"/> agriculture
<input checked="" type="checkbox"/> building(s)	<input checked="" type="checkbox"/> private	<input type="checkbox"/> unoccupied	<input type="checkbox"/> commercial
<input type="checkbox"/> structure	<input type="checkbox"/> both	<input type="checkbox"/> work in progress	<input type="checkbox"/> educational
<input type="checkbox"/> site	Public Acquisition	Accessible	<input type="checkbox"/> entertainment
<input type="checkbox"/> object	N/A in process	<input checked="" type="checkbox"/> yes: restricted	<input type="checkbox"/> government
	N/A being considered	<input type="checkbox"/> yes: unrestricted	<input type="checkbox"/> industrial
		<input type="checkbox"/> no	<input type="checkbox"/> military
			<input type="checkbox"/> museum
			<input type="checkbox"/> park
			<input type="checkbox"/> private residence
			<input type="checkbox"/> religious
			<input type="checkbox"/> scientific
			<input type="checkbox"/> transportation
			<input type="checkbox"/> other:

4. Owner of Property

name Harvey and Glentia Martin

street & number 10532 Farley

city, town Overland Park — vicinity of state Kansas 66212

5. Location of Legal Description

courthouse, registry of deeds, etc. Registry of Deeds

street & number Doniphan County Courthouse

city, town Troy state Kansas 66087

6. Representation in Existing Surveys

title Doniphan County Cultural Resources Survey has this property been determined eligible? — yes ☒ nodate 1985 — federal — state — county ☒ local

depository for survey records Kansas State Historical Society, 120 W. 10th

city, town Topeka state Kansas 66612

7. Description

Condition

☒ excellent

☐ good

☐ fair

☐ deteriorated

☐ ruins

☐ unexposed

Check one

☒ unaltered

☐ altered

Check one

☒ original site

☐ moved

date _____

Describe the present and original (if known) physical appearance

The Dr. John S. Long Barn (ca. 1886) is located on the Martin Farm near Highland, Kansas (pop. 954). The one-story, three-bay, center entrance, board and batten barn has a full byre with a limestone foundation and a wooden shingled roof. The superstructure is supported by mortised and tenoned, post and beam framing. The barn has a north to south elevation, measuring thirty-six feet from east to west and thirty-two feet from north to south. The byre is built into the north embankment.

Vertically planked, double leaf, strap hinged doors stand in the center bay of the north elevation. A tall, ogee arched louvered vent flanks the door on each side. The east elevation is comprised of two tall, ogee arched, louvered vents on the threshing floor level surmounted by a tri-partite, palladian inspired, louvered vent with a triangular cap moulding. The western elevation is comprised of an arched, louvered vent in the gable. The building's southern elevation is comprised of a vertically planked, double leaf rolling door in the center bay, flanked by tall, ogee arched, louvered vents on each side and three stall doors at the byre level. Three lightning rods stand on the roof ridge. The barn is painted white.

A stair leads from the threshing floor to the byre level. The east and west bays of the byre retain their wooden stalls and feeding bins. The threshing floor level exhibits horizontal tongue and groove panelled partitions and walls and a hay loft.

Originally constructed as a mixed-use barn, the building is now used for hay storage. The building maintains a high degree of architectural and structural integrity.

8. Significance

Period	Areas of Significance—Check and justify below			
<input type="checkbox"/> prehistoric	<input type="checkbox"/> archeology-prehistoric	<input type="checkbox"/> community planning	<input type="checkbox"/> landscape architecture	<input type="checkbox"/> religion
<input type="checkbox"/> 1400–1499	<input type="checkbox"/> archeology-historic	<input type="checkbox"/> conservation	<input type="checkbox"/> law	<input type="checkbox"/> science
<input type="checkbox"/> 1500–1599	<input type="checkbox"/> agriculture	<input type="checkbox"/> economics	<input type="checkbox"/> literature	<input type="checkbox"/> sculpture
<input type="checkbox"/> 1600–1699	<input checked="" type="checkbox"/> architecture	<input type="checkbox"/> education	<input type="checkbox"/> military	<input type="checkbox"/> social/
<input type="checkbox"/> 1700–1799	<input type="checkbox"/> art	<input type="checkbox"/> engineering	<input type="checkbox"/> music	<input type="checkbox"/> humanitarian
<input checked="" type="checkbox"/> 1800–1899	<input type="checkbox"/> commerce	<input type="checkbox"/> exploration/settlement	<input type="checkbox"/> philosophy	<input type="checkbox"/> theater
<input type="checkbox"/> 1900–	<input type="checkbox"/> communications	<input type="checkbox"/> industry	<input type="checkbox"/> politics/government	<input type="checkbox"/> transportation
		<input type="checkbox"/> invention		<input type="checkbox"/> other (specify)

Specific dates Ca. 1886 Builder/Architect Unknown

Statement of Significance (in one paragraph)

The Dr. John S. Long Barn (ca. 1886) is being nominated to the National Register as part of the Byre and Bluff Barns of Doniphan County (ca. 1860–1933) nomination under criterion C for its architectural significance. Dr. John S. Long, a native of Allegheny, Pennsylvania and a graduate of the Eclectic Medical College in Cincinnati, Ohio, came to Doniphan County in the mid 1850s. In the 1870s he began to farm and raise stock, owning 2500 acres of Doniphan County land by 1890. Long sold his Doniphan County interests in 1894, moving to Washington, Kansas to establish a banking house. The Dr. John S. Long Barn is an example of a three-bay, center entrance, full byre, board and batten, gable roof and limestone foundation structure with a threshing floor, a hay loft, and louvered venting.

The eighteen nominated barns share a common feature in that at least one side of each barn's foundation is embedded in an earthen bank or bluff; the majority of the barns are built into shallow banks, two of the barns are built into bluffs. These vernacular wooden and cement structures span a seventy year construction period and exhibit various masonry foundations, skeletal structures, and superstructures. The byre and bluff barns of Doniphan County are an excellent example of a vernacular form of architecture which was built to take advantage of the hilly topography of the county. These barns are representative of approximately thirty byre and bluff barns identified in a 1984–1985 cultural resource survey of Doniphan County. The remaining barns are too altered and/or deteriorated to be included in this nomination. Most of the nominated barns were constructed for stock and dairy cattle and remain in active use on working farms. The relative rarity of byre and bluff barns in Doniphan County and the high degree of architectural and structural integrity maintained by the nominated barns make this thematic grouping of vernacular agricultural structures extremely significant.

Doniphan County (est. 1855) experienced a substantial population increase in the twenty years following the Civil War, with many settlers moving from Ohio, Pennsylvania, Virginia, and Germany. The barn building traditions brought by these settlers combined with the suitable topography contributed to the building of the byre and bluff barn type in Doniphan County. Most of the nominated barns are three-bay, center entrance, gable roof structures with limestone foundations, a full byre, a threshing floor, and a hay loft. There are groupings of period types, such as the board and batten barns with louvered vents from the 1870s and 1880s, the large, gambrel roof barns from 1910s, 1920s and 1930s, and the gradual transition from post and beam construction to plank framing. In 1891 J. D. Walters of the Kansas State Agricultural College called the byre (bank)/bluff barn an "all-purpose barn of the Kansas farmer" in an article entitled "The Barn," which was published in the Quarterly Report of the Kansas State Board of Agriculture. Walters described the bank barn as follows:

It gives a warm basement for the milk cows and cattle, and an accessible second story for the draught animals—for tools, machines, harness, and grain—and a roomy attic, or loft, for hay, straw, and fodder. In many

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Item number 8

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states this form is objectionable for sanitary reasons, but in the dry climate of Kansas it is preferable to any other, unless there should be an unusually moist ledge directly against or under it...The building should be located so that the basement will be partly in the ground on the north and west, and so that a low embankment, or filling, on these sides will give access to the second story.

While the byre or bluff barn presented a practical solution for Doniphan County's rolling topography, harsh winters, and high winds, it was not the most common solution. The byre and bluff barns built between 1860 and 1933 generally cost from \$2,000.00 to \$3,000.00 and while this may have been cost effective investment, it was an expensive investment. In addition, the higher degree of skilled craftsmanship required to construct a byre or bluff barn as opposed to most barns without foundations also hindered their construction. While the byre and bluff barns of Doniphan County are a sturdy survivor of a barn type built in Doniphan County between 1860 and 1933 they are not prolific, being far outnumbered by more inexpensive, rectangular wooden barns without foundations.

9. Major Bibliographical References

See attached sheet

10. Geographical Data

Acreage of nominated property less than 1 acre

Quadrangle name Highland

Quadrangle scale 1:24,000

UTM References

A 15 306035 4411380
Zone Easting Northing

B
Zone Easting Northing

C

D

E

F

G

H

Verbal boundary description and justification The nominated property stands on a tract beginning 1200' N of the SE corner of the SE⁴ section 34, Twp. 2S, Range 19E, thence W 900', N 750', east 900', thence south to POB in Doniphan County, Kansas, 1 3/4 miles south of Highland on K-120.

List all states and counties for properties overlapping state or county boundaries

state N/A code N/A county N/A code N/A

state N/A code N/A county N/A code N/A

11. Form Prepared By

name/title Martha Gray Hagedorn, Architectural Historian

organization Kansas State Historical Society date October 28, 1986

street & number 120 West 10th telephone 296-5264

city or town Topeka state Kansas 66612

12. State Historic Preservation Officer Certification

The evaluated significance of this property within the state is:

 national state X local

As the designated State Historic Preservation Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service.

State Historic Preservation Officer signature 

title Executive Director, Kansas State Historical Society date October 28, 1986

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I hereby certify that this property is included in the National Register

date

Keeper of the National Register

Attest:

date

Chief of Registration

United States Department of the Interior
National Park Service

National Register of Historic Places
Inventory—Nomination Form

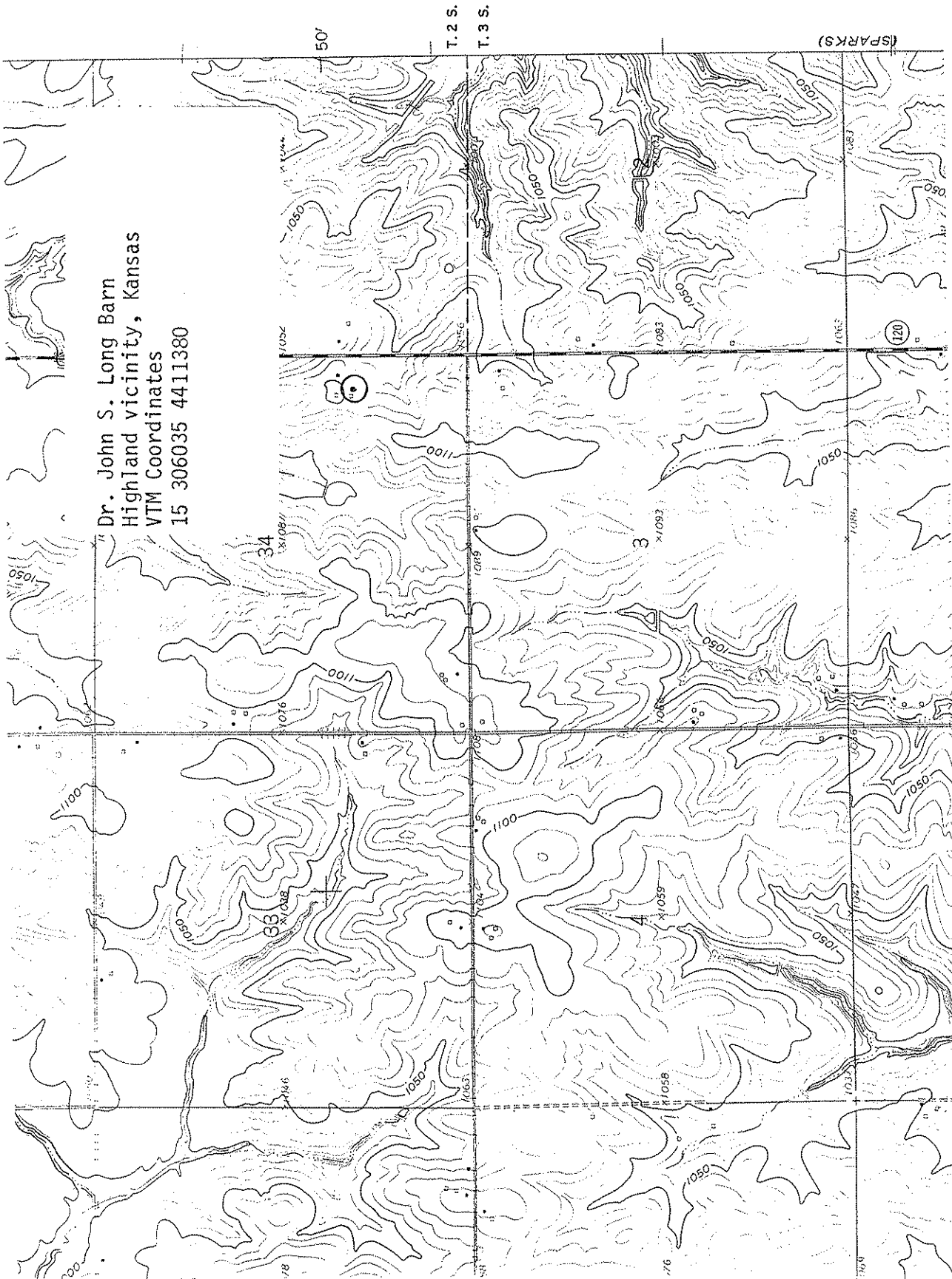
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- State of Kansas. Census, Population. 1860-1930.
- Walters, J.D. "The Barn," The Quarterly Report of the Kansas State Board of Agriculture. 31 March 1891.

Dr. John S. Long Barn
Highland vicinity, Kansas
VTM Coordinates
15 306035 4411380



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Dr. John S. Long Barn
Highland vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
North & West elevations, SE view
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Dr. John S. Long Barn
Highland vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
North & East elevations, SW view
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Dr. John S. Long Barn
Highland vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
North elevation, South view
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Dr. John S. Long Barn
Highland vicinity, Kansas
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Kansas State Historical Society
South & West elevations, NE view
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Dr. John S. Long Barn
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Kansas State Historical Society
Byre level, East view
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Dr. John S. Long Barn
Highland vicinity, Kansas
Martha Hagedorn
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Kansas State Historical Society
Byre level, East view
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Dr. John S. Long Barn
Highland vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
Byre level, West view
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Dr. John S. Long Barn
Highland vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
First level (threshing floor)
West view
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Dr. John S. Long Barn
Highland vicinity, Kansas
Martha Hagedorn
July, 1986
Kansas State Historical Society
First level (threshing floor)
West view
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